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1998 10. Bibliography [RFC1094] Sun Microsystems, Inc., "NFS: **Network File System** ...[tools.ietf.org/wg/nfsv4/draft-ietf-nfsv4-requirements/draft-ietf-nfsv4-requirements-02-from-01.diff.txt](#) - 18k - [Cached](#) - [Similar pages](#)[Project Reports for CS736 Fall 1998](#)Even though log-structured **file system** was proposed in 1990, ... is to put a number of "rental" Web **servers** at strategic **locations** around the Internet, ...[www.cs.wisc.edu/~cao/cs736/cs736-projects.html](#) - 20k - [Cached](#) - [Similar pages](#)[< title xmlns="file:/home/connolly/w3ccvs/WWW/Addressing/schemes ...](#)File Format: Unrecognized - [View as HTML](#)1998-10-30 Definition of afp: URLs for use with Service **Location** ... for RealPlayer 7 CNRIhandle **system** 1998-06-17 The hnews URL scheme 1998-08 Data: URL ...[www.w3.org/Addressing/schemes.rdf](#) - [Similar pages](#)[\[PDF\] NFSv4 as the Building Block for Fault Tolerant Applications](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)In one approach, we propose to run the NFSv4 **server** on a versioning **file system**. The NFSv4 clients obtain a version **identifier** for each read. Instead of ...[hssl.cs.jhu.edu/~randal/batsakis\\_neps03.pdf](#) - [Similar pages](#)[The Design of a Multicast-based Distributed File System](#)Versioning **server**: The part of the **system** where **file** updates are serialized. ... At the JetFile protocol level, **files** are identified by a **file identifier** ...[www.sics.se/cna/jetfile/osdi99.html](#) - 72k - [Cached](#) - [Similar pages](#)[RFC 3530 - Network File System \(NFS\) version 4 Protocol. S ...](#)The **server filesystem** is hierarchical with the regular **files** contained within being ... For the "tcp" and "udp" **Network Identifiers** the Universal Address or ...[rfc.sunsite.dk/rfc/rfc3530.html](#) - 613k - [Cached](#) - [Similar pages](#)[\[PDF\] 10.2 THE CODA FILE SYSTEM](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)information on the **file system** consistent at each Vice **server**. ... cated Volume **Identifier**(RVID). An RVID is a **location** and replication- ...[www.cs.vu.nl/~ast/books/ds1/10.pdf](#) - [Similar pages](#)[\[PDF\] LegionFS: A Secure and Scalable File System Supporting Cross ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)traditional **file servers**, ProxyMultiObjects are lightweight and in- ... to locate **files** distributed throughout the **network**. This **location**- ...[www.cs.virginia.edu/~mpw7t/legionfs.pdf](#) - [Similar pages](#)

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In this example, /biscuits/piccolo1 is the path of the root **file system** on the **server**, 149.156.97.54 is the station address and 149.156.97.58 is the boot ...  
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This scheme allows the Library to avoid embedding **identifiers** dependent on particular physical **file locations** into MARC records and other access aids. ...

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Service **Location** Protocol[5] is installed to look up nearest **servers**. ... InternetCAR **system** has a distributed **file system** called a Personal **File System** ...

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Inventor: JIN KI SUNG (KR); KIM YOUNG KYUN (KR); (+3)      Applicant: KOREA ELECTRONICS TELECOMM (KR)  
EC:      IPC: **G06F12/00; G06F12/00**  
Publication info: **KR20060071085** - 2006-06-26
- 2 CRASH RECOVERY SYSTEM AND METHOD FOR A DISTRIBUTED FILE SERVER USING OBJECT BASED STORAGE**  
Inventor: KIM HONG YEON (KR); JIN KI SUNG (KR); (+4)      Applicant: KOREA ELECTRONICS TELECOMM (KR)  
EC:      IPC: **G06F12/16; G06F12/16**  
Publication info: **KR20060067119** - 2006-06-19
- 3 System and corresponding method for providing redundant storage of a data file over a computer network**  
Inventor: KLEY VICTOR B (US)      Applicant: METADIGM LLC (US)  
EC:      IPC: **G06F15/16; G06F15/16**  
Publication info: **US2006218284** - 2006-09-28
- 4 GRID FILE SYSTEM FOR STORING FILE AND OFFERING SERVICE BY USING STORAGE OF PERSONAL COMPUTER AND NETWORK RESOURCE DISTRIBUTED WORLDWIDE**  
Inventor: JANG YONG PYO (KR)      Applicant: COMPINE CORP (KR)  
EC:      IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**  
Publication info: **KR20020096027** - 2002-12-28
- 5 Method and system for differential distributed data file storage, management and access**  
Inventor: GODLIN BENJAMIN (IL); LAN DIVON (IL); (+1)      Applicant: DISKSITES RES AND DEV LTD  
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Publication info: **US2006168118** - 2006-07-27
- 6 Method and system for use of storage caching with a distributed file system**  
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Publication info: **CN1754155** - 2006-03-29
- 7 Crash recovery system and method for distributed file server using object based storage**  
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- 8 Internally consistent file system image in distributed object-based data storage**  
Inventor: ZELENKA JAMES D (US); HOLLAND MARK C (US)      Applicant: PANASAS INC (US)  
EC: **G06F17/30C; G06F17/30F; (+1)**      IPC: **G06F17/00; G06F17/30; G06F17/00 (+1)**  
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- 9 File Availability in Distributed File Storage Systems**  
Inventor: DOUCEUR JOHN R (US); WATTENHOFER ROGER P (CH)      Applicant: MICROSOFT CORP (US)

EC: G06F17/30F

IPC: **G06F17/30; G06F17/30**

Publication info: **US2006112154** - 2006-05-25

**10 Distributed storage architecture based on block map caching and VFS  
stackable file system modules**

Inventor: TINKER JEFFREY L (US); LEE PETER (US)

Applicant:

EC: G06F12/08B12

IPC: **G06F13/28; G06F12/00; G06F12/14** (+13)

Publication info: **US2006064536** - 2006-03-23

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

Approximately **46** results found in the Worldwide database for:  
**file and storage** in the title AND **distributed** in the title or abstract  
(Results are sorted by date of upload in database)

### 11 DISTRIBUTED STORAGE ARCHITECTURE BASED ON BLOCK MAP CACHING AND VFS STACKABLE FILE SYSTEM MODULES

Inventor: TINKER JEFFREY L (US); LEE PETER (US) Applicant: BEACH UNLTD LLC (US); TINKER JEFFREY L (US); (+1)  
EC: G06F17/30F IPC: **G06F17/30; G06F17/30**  
Publication info: **WO2006012418** - 2006-02-02

### 12 File management method in a distributed storage system

Inventor: SAKAGUCHI AKIHIKO (JP); TAKAHASHI TORU Applicant: (JP)  
EC: G06F17/30F; G06F17/30N IPC: **G06F3/06; G06F12/00; G06F13/00** (+6)  
Publication info: **US2005216523** - 2005-09-29

### 13 Wide area distributed storage system for checking erasion of worm file

Inventor: IKEZAWA MITSURU (JP); SHITOMI HIDEHISA Applicant: (US); (+1)  
EC: IPC: **G06F3/06; G06F12/00; G06F3/06** (+2)  
Publication info: **US2005216534** - 2005-09-29

### 14 File management method in a distributed storage system

Inventor: SAKAGUCHI AKIHIKO (JP); IWASAKI MASAOKI (JP) Applicant:  
EC: IPC: **G06F12/00; G06F7/00; G06F12/00** (+2)  
Publication info: **US2005027718** - 2005-02-03

### 15 Method and system for use of storage caching with a distributed file system

Inventor: PHATAK SHIRISH HEMANT (US) Applicant:  
EC: IPC: **G06F12/00; G06F12/00; (IPC1-7): G06F12/00**  
Publication info: **US2004186861** - 2004-09-23

### 16 STORAGE SYSTEM FOR FILE TO BE TEMPORARILY USED

Inventor: INOSE KOJI Applicant: CANON KK  
EC: IPC: **B41J29/38; G06F3/12; B41J29/38** (+3)  
Publication info: **JP2005084850** - 2005-03-31

### 17 Parallel high speed backup for a storage area network (SAN) file system

Inventor: CURRAN ROBERT J (US); MCNABB DANIEL L Applicant: IBM (US)  
(US); (+4)  
EC: IPC: **G06F12/00; G06F12/00; (IPC1-7): G06F12/00**  
Publication info: **US2004267838** - 2004-12-30

### 18 Distributed file serving architecture system with metadata storage virtualization and data access at the data server connection speed

Inventor: KISLEY RICHARD VICTOR (US); KNIGHT PHILIP DOUGLAS (US) Applicant: IBM (US)  
EC: H04L29/06C6C2 IPC: **G06F11/20; G06F15/167; G06F17/30** (+7)  
Publication info: **US2004225719** - 2004-11-11

### 19 STORAGE AND RETRIEVAL METHOD AND SYSTEM FOR ELECTRONIC DOCUMENT FILE

Inventor: TAKAHASHI NORIMITSU Applicant: NISSHO ELECTRONICS KK  
EC: IPC: **G06F12/14; G06F12/00; G06F17/30** (+6)  
Publication info: **JP2004246642** - 2004-09-02

**20 System and method for virtualizing a distributed network storage as a single-view file system**

**Inventor:** FUJIIWARA SHINJI (JP); SAGAWA NOBUTOSHI **Applicant:** HITACHI LTD (US)  
(JP); (+2)

**EC:** H04L29/08N9A; H04L29/08N9S

**IPC:** G06F12/00; H04L29/06; G06F12/00 (+2)

**Publication info:** US2003140051 - 2003-07-24

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## RESULT LIST

Approximately **46** results found in the Worldwide database for:  
**file and storage** in the title AND **distributed** in the title or abstract  
(Results are sorted by date of upload in database)

### 21 SYSTEMS AND METHODS PROVIDING METADATA FOR TRACKING OF INFORMATION ON A DISTRIBUTED FILE SYSTEM OF STORAGE DEVICES

Inventor: PATEL SUJAL M (US); MIKESELL PAUL A (US); Applicant: ISILON SYTEMS INC (US); PATEL SUJAL M (+1) (US); (+2)  
EC: G06F17/30F IPC: **G06F12/00; G06F17/30; G06F12/00** (+4)  
Publication info: **WO03012699** - 2003-02-13

### 22 System and corresponding method for providing redundant storage of a data file over a computer network

Inventor: KLEY VICTOR B (US); LOVEJOY IAN (US) Applicant: METADIGM LLC (US)  
EC: G06Q10/00F; H04L29/06 IPC: **G06Q10/00; H04L29/06; G06Q10/00** (+2)  
Publication info: **US6920507** - 2005-07-19

### 23 File access method based on a distributed file storage system

Inventor: TANG JIE (CN); LI LIHONG (CN); (+1) Applicant: LENOVO GROUP BEIJING CO LTD (CN)  
EC: IPC: (IPC1-7): G06F17/60  
Publication info: **CN1464453** - 2003-12-31

### 24 Storage area network file system

Inventor: SOLTIS STEVEN R (US) Applicant:  
EC: IPC: **G06F15/16; G06F15/16**; (IPC1-7): G06F15/16  
Publication info: **US2002083120** - 2002-06-27

### 25 Method and system for differential distributed data file storage, management and access

Inventor: GODLIN BENJAMIN (IL); LAN DIVON (IL); (+1) Applicant:  
EC: G06F17/30F; G06F17/30N; (+3) IPC: **G06F17/30; H04L29/06; H04L29/08** (+4)  
Publication info: **US2002161860** - 2002-10-31

### 26 Program support for disk fencing in a shared disk parallel file system across storage area network

Inventor: CURRAN ROBERT J (US); WANG-KNOP KUEI-YU (US); (+1) Applicant: IBM (US)  
EC: G06F17/30F; G06F17/30N IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F7/00  
Publication info: **US2002188590** - 2002-12-12

### 27 Method and apparatus for distributing large payload file to a plurality of storage devices in a network

Inventor: SIM SIEW YONG (US) Applicant:  
EC: H04L29/08N9A; G06F17/30F; (+1) IPC: **G06F17/30; H04L29/06; G06F17/30** (+2)  
Publication info: **US2003031176** - 2003-02-13

### 28 SERVER AND METHOD FOR PROVIDING VIRTUAL FILE SYSTEM, FILE REGISTERING METHOD, FILE REGISTRATION PROGRAM AND PROGRAM STORAGE MEDIUM

Inventor: KISHIMOTO TOYOAKI Applicant: SONY CORP  
EC: IPC: **G06F12/00; G06F12/00**; (IPC1-7): G06F12/00  
Publication info: **JP2002342148** - 2002-11-29

### 29 Methods and apparatus for off loading content servers through direct file transfer from a storage center to an end-user

Inventor: COATES JOSHUA L (US); BOZEMAN PATRICK E (US); (+1) Applicant:  
EC: G06F17/30F; H04L29/06; (+1) IPC: **G06F17/30; H04L29/06; G06F17/30** (+2)

Publication info: **US2001047400** - 2001-11-29

**30 File array storage architecture having file system distributed across a data processing platform**

Inventor: NAPOLITANO RICHARD (US); SILVERMAN HERBERT W (US); (+10)      Applicant: ADAPTEC INC (US)

EC: G06F3/06M; G06F17/30F

IPC: **G06F3/06; G06F3/06**; (IPC1-7): G06F13/00

Publication info: **US6301605** - 2001-10-09

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## RESULT LIST

43 results found in the Worldwide database for:

**file and storage** in the title AND **distributed** in the title or abstract

(Results are sorted by date of upload in database)

### 31 A distributed file sysytem for a multimedia storage network

Inventor: MUKHERJEE SARIT (US); KAMEL IBRAHIM M (US); (+1) Applicant: MATSUSHITA ELECTRIC IND CO LTD (JP)

EC: G06F3/06D; H04L12/56D; (+1) IPC: **G06F12/00; G06F3/06; H04L12/56** (+7)

Publication info: **GB2357171** - 2001-06-13

### 32 System and corresponding method for providing redundant storage of a data file over a computer network

Inventor: KLEY VICTOR B (US); LOVEJOY IAN (US) Applicant: METADIGM LLC (US)

EC: G06Q10/00F; H04L29/06 IPC: **G06Q10/00; H04L29/06; G06Q10/00** (+2)

Publication info: **US6430625** - 2002-08-06

### 33 METHOD AND APPARATUS FOR A PHYSICAL STORAGE ARCHITECTURE HAVING AN IMPROVED INFORMATION STORAGE AND RETRIEVAL SYSTEM FOR A SHARED FILE ENVIRONMENT

Inventor: WLASCHIN SCOTT (US) Applicant: ENFISH TECHNOLOGY (US); WLASCHIN SCOTT (US)

EC: G06F17/30N IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**

Publication info: **WO0025235** - 2000-05-04

### 34 DISTRIBUTED FILE SYSTEM, FILE SHARING METHOD IN THE SYSTEM AND STORAGE MEDIUM FOR PROGRAMMING AND RECORDING THE METHOD

Inventor: AOKI KEIJI Applicant: TOKYO SHIBAURA ELECTRIC CO

EC: IPC: **G06F12/00; G06F13/00; G06F12/00** (+3)

Publication info: **JP2000076152** - 2000-03-14

### 35 Method and apparatus for a physical storage architecture having an improved information storage and retrieval system for a shared file environment

Inventor: WLASCHIN SCOTT (US) Applicant: ENFISH INC (US)

EC: G06F17/30N; G06F17/30S1 IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F15/167**

Publication info: **US6182121** - 2001-01-30

### 36 Parallel management system for a file data storage structure

Inventor: AIBA YUICHI (JP) Applicant: NIPPON ELECTRIC CO (JP)

EC: G06F17/30F IPC: **G06F12/00; G06F15/173; G06F17/30** (+4)

Publication info: **US6088704** - 2000-07-11

### 37 PRINTING DATA DISTRIBUTION SYSTEM, PRINTING DATA FILE MANAGING METHOD OF SERVER AND STORAGE MEDIUM IN WHICH PRINTING DATA FILE MANAGING PROGRAM OF SERVER IS STORED

Inventor: NAGAHASHI TOSHINORI Applicant: SEIKO EPSON CORP

EC: IPC: **B41J29/38; G06F3/12; B41J29/38** (+3)

Publication info: **JP11024857** - 1999-01-29

### 38 METHOD AND APPARATUS FOR A PHYSICAL STORAGE ARCHITECTURE FOR A SHARED FILE ENVIRONMENT

Inventor: WLASCHIN SCOTT Applicant: ENFISH TECHNOLOGY INC (US)

EC: G06F17/30N IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**

Publication info: **WO9738380** - 1997-10-16

### 39 System for physical storage architecture providing simultaneous access to common file by storing update data in update partitions and merging desired updates into common partition

Inventor: WLASCHIN SCOTT (US)

Applicant: DEX INFORMATION SYSTEMS INC (US)

EC: G06F17/30N

IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F7/32

Publication info: **US5850522** - 1998-12-15

**40 Plurality of servers having identical customer information control  
procedure functions using temporary storage file of a predetermined  
server for centrally storing temporary data records**

Inventor: PHILLIPS MARK (US); DE ROO JOHN S (US); Applicant: TANDEM COMPUTERS INC (US)

(+2)

EC: G06F9/46R6M; G06F9/46T

IPC: **G06F12/00; G06F9/46; G06F9/50** (+5)

Publication info: **US5682507** - 1997-10-28

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## RESULT LIST

43 results found in the Worldwide database for:

**file and storage** in the title AND **distributed** in the title or abstract  
(Results are sorted by date of upload in database)

### 41 DISTRIBUTED FILE SYSTEM AND STORAGE DEVICE

Inventor: OEDA TAKASHI; YOSHIDA MINORU; (+3)

Applicant: HITACHI LTD

EC:

IPC: **G06F12/00; G06F12/16; G06F15/16** (+8)

Publication info: **JP5324579** - 1993-12-07

### 42 SELECTION SYSTEM FOR FILE STORAGE MEDIUM

Inventor: TAJIMA HIDENOBU

Applicant: NIPPON ELECTRIC CO

EC:

IPC: **G06F12/00; G11B27/00; G06F12/00** (+3)

Publication info: **JP63014252** - 1988-01-21

### 43 STORAGE SYSTEM WITH DISTRIBUTED FILE

Inventor: ITOU SHIYUJJI

Applicant: MITSUBISHI ELECTRIC CORP

EC: **G06F17/30**

IPC: **G06F7/22; G06F17/30; G06F7/22** (+2)

Publication info: **JP57055449** - 1982-04-02

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Data supplied from the **esp@cenet** database - Worldwide

STIC/EIC search

09/373,795

Set	Items	Description
S1	5168117	S FILE? OR DATA() (RECORD? ? OR FOLDER?) OR DIRECTORYFILE? OR TEXTFILE?
S2	2626	S DATAFILE? OR DATAFILE? OR FILEFOLDER? OR DATAFOLDER? OR CLIENTFILE?
S3	479524	S COMPUTERFILE? OR DIRECTORYFILE? OR DATAGRAM? OR DATAGRAM? OR PACKET?
S4	4327174	S SERVER? OR DATABASE? OR FILESERVER?
S5	190141	S STORAGE() (DEVICE? OR APPARATUS?) OR (PHYSICAL? OR HOST) (2N) DEVICE? (3N) (STORAG? OR STORE? OR STORING?)
S6	114131	S STORAGE() (SERVER? OR FILE?) OR FILE() SERVER?
S7	2355791	S (DATA OR FILE) () (STRUCTUR? OR BASE? OR FILE? OR BANK? OR REGIST? OR REPOSIT? OR ARCHIV?)
S8	23563	S DATABANK? OR DATASERVER?
S9	32261	S DATA() (SERVER?) OR DATASTOR? OR DATAFILE? OR DATA() FIELD?
S10	29548	S DATAFILE? OR DATAFILE? OR DATASET? OR DATAFOLDER? OR DIRECTORYFILE?
S11	2225987	S S1:S3(20N) S4:S10
S12	792294	S ASSIGNAT? OR NAME? OR EXTENSION? OR DESIGNATION? OR LABEL? OR METADATA? OR META() DATA?
S13	366366	S TITLE? OR IDENTIT? OR BRAND? OR APPELLATION? OR SUFFIX? OR PREFIX?
S14	486078	S REGISTER? OR REGISTRAT? OR IDENTIFIC? OR HEADER?
S15	137263	S IDENTIFIER? OR POINTER? OR INDICATER? OR INDICATOR? OR MARKER? OR ID
S16	180869	S FLAG? OR TAB? ? OR TABB? OR TAG? ? OR TAGG? OR ARROW?
S17	502019	S CLASSIF? OR CATEGOR? OR LABEL? OR HANDLE?
S18	743586	S LOCATION? OR LOCALE? OR LOCALIT? OR VICINIT? OR ADDRESS? OR SECTOR? OR DESTINATION?
S19	572797	S ZONE? OR AREA? OR (SPECIFIC? OR PARTICULAR?) () (NODE? OR HUB? ?)
S20	775257	S SEND? OR TRANSMIT? OR DELIVER? OR DISPATCH?
S21	400697	S TRANSFER? OR RELOCAT? OR MIGRAT? OR TRANSLOCAT?
S22	678287	S MIGRAT? OR SENT OR MOVE? OR MOVING? OR ROUTING?
S23	1065739	S SHIP???? OR MAIL???? OR ROUTE? OR MAP? ? OR MAPP???? OR REROUT? OR CONNECT?
S24	712821	S REDIRECT? OR TRANSMIGRAT? OR DISPATCH? OR UPLOAD? OR DOWNLOAD? OR FORWARD?
S25	741373	S IMPORT? OR EXPORT? OR TRANSPORT?
S26	660673	S RECEIV? OR FILE() (SHAR? OR SWAP?) OR FILESHAR? OR FILESWAP?
S27	387604	S TARGET? OR RECEPT? OR RECIPIENT? OR DESTINATION? OR ENDPOINT?
S28	961231	S ACCESS? OR REFERENC? OR MAP OR MAPS OR MAPPED OR MAPPING
S29	876716	S LOOKUP? OR RETRIEV? OR FETCH? OR FIND? OR LOCAT?
S30	382639	S LOOK? () UP OR NAVIGAT? OR TRACK? () DOWN OR REQUEST?
S31	331132	S INQUIR? OR INTERROGAT? OR CRAWL? OR DATACRAWL? OR SEARCH?
S32	79341	S QUERIE? OR DATA() (MINE? OR MINING?) OR DATAMIN? OR QUERY?
S33	31975	S (CALL? OR BRING?) () UP
S34	1170512	S PLURAL? OR MULTIPLE? OR MULTIPLICIT? OR SEVERAL? OR MANY OR NUMEROUS
S35	897245	S NETWORK? OR ARRAY? OR CLUSTER? OR ETHERNET? OR INTRANET? OR EXTRANET?
S36	186840	S LAN OR LANS OR WAN OR WANS OR VPN? ? OR (SAN OR SANS) (3N) (NETWORK?)
S37	6873	S S11 AND S1:S3(3N) S12:S17 AND S12:S17(3N) S4:S10 AND S18:S19(3N) S4:S10 AND S1:S3(3N) S18:S19
S38	2153	S S37 AND S20:S27(3N) S1:S3 AND S28:S33(3N) S1:S3 AND S34:S36(5N) S4:S10
S39	2079	S S38 AND S18 AND S1:S2 AND S4:S8
S40	774	S S39 AND S1:S3(3N) S12:S14 AND S1:S3(3N) S15:S17 AND S12:S14(3N) S4:S8
S41	558	S S40 AND S20:S27(5N) S1:S3(5N) S4:S8 AND S28:S33(5N) S1:S3(5N) S18
S42	558	S S41 AND S1:S3(5N) (S12:S14 AND S15:S17)
S43	558	S S42 AND S1:S3(3N) S12:S14(10N) S4:S8(3N) S12:S14
S44	558	S S43 AND S1:S2(10N) S4:S8
S45	427	S S44 AND PY=1970:1999
S46	427	S S44 NOT PY=2000:2006
S47	427	S S45:S46
S48	266	S S47 AND SERVER? AND FILE? ?
S49	204	RD (unique items)

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Set	Items	Description
S1	183865	S FILE? OR DATA() (RECORD? ? OR FOLDER?) OR DIRECTORYFILE? OR TEXTFILE?
S2	125	S DATAFILE? OR DATA RECORD? OR FILEFOLDER? OR DATAFOLDER? OR CLIENTFILE?
S3	101907	S COMPUTERFILE? OR DIRECTORYFILE? OR DATAGRAM? OR DATAGRAM? OR PACKET?
S4	313592	S SERVER? OR DATABASE? OR FILESERVER?
S5	123732	S STORAGE() (DEVICE? OR APPARATUS?) OR (PHYSICAL? OR HOST) (2N) DEVICE? (3N) (STORAG? OR STORE? OR STORING?)
S6	5212	S STORAGE() (SERVER? OR FILE?) OR FILE() SERVER?
S7	240450	S (DATA OR FILE) () (STRUCTUR? OR BASE? OR FILE? OR BANK? OR REGIST? OR REPOSIT? OR ARCHIV?)
S8	870	S DATABANK? OR DATASERVER?
S9	7275	S DATA() (SERVER?) OR DATASTOR? OR DATA RECORD? OR DATA() FIELD?
S10	1280	S DATAREPOSIT? OR DATA RECORD? OR DATASET? OR DATAFOLDER? OR DIRECTORYFILE?
S11	167596	S S1:S3 AND S4:S10
S12	22917	S ASSIGNAT? OR NAME? OR EXTENSION? OR DESIGNATION? OR LABEL? OR METADATA? OR META() DATA?
S13	4249	S TITLE? OR IDENTIT? OR BRAND? OR APPELLATION? OR SUFFIX? OR PREFIX?
S14	28880	S REGISTER? OR REGISTRAT? OR IDENTIFIC?
S15	14563	S IDENTIFIER? OR POINTER? OR INDICATER? OR INDICATOR? OR MARKER? OR ID
S16	5845	S FLAG? OR TAB? ? OR TABB? OR TAG? ? OR TAGG? OR ARROW?
S17	11289	S CLASSIF? OR CATEGOR? OR LABEL? OR HANDLE?
S18	25619	S LOCATION? OR LOCALE? OR LOCALIT? OR VICINIT? OR ADDRESS? OR SECTOR?
S19	22327	S ZONE? OR AREA? OR (SPECIFIC? OR PARTICULAR?) () (NODE? OR HUB? ?)
S20	42278	S SEND? OR TRANSMIT? OR DELIVER? OR DISPATCH?
S21	22288	S TRANSFER? OR RELOCAT? OR MIGRAT? OR TRANSLOCAT?
S22	22049	S MIGRAT? OR SENT OR MOVE? OR MOVING? OR ROUTING?
S23	45172	S SHIP???? OR MAIL???? OR ROUTE? OR MAP? ? OR MAPP???? OR REROUT? OR CONNECT?
S24	12126	S REDIRECT? OR TRANSMIGRAT? OR DISPATCH? OR UPLOAD? OR DOWNLOAD? OR FORWARD?
S25	6276	S IMPORT? OR EXPORT? OR TRANSPORT?
S26	47746	S RECEIV? OR FILE() (SHAR? OR SWAP?) OR FILESHAR? OR FILESWAP?
S27	20795	S TARGET? OR RECEPT? OR RECIPIENT? OR DESTINATION? OR ENDPOINT?
S28	41629	S ACCESS? OR REFERENC? OR MAP OR MAPS OR MAPPED OR MAPPING
S29	33741	S LOOKUP? OR RETRIEV? OR FETCH? OR FIND? OR LOCAT?
S30	25127	S LOOK?() UP OR NAVIGAT? OR TRACK?() DOWN OR REQUEST?
S31	12693	S INQUIR? OR INTERROGAT? OR CRAWL? OR DATACRAWL? OR SEARCH?
S32	2490	S QUERIE? OR DATA() (MINE? OR MINING?) OR DATAMIN? OR QUERY?
S33	163	S (CALL? OR BRING?) () UP
S34	46664	S PLURAL? OR MULTIPLE? OR MULTIPLICIT? OR SEVERAL? OR MANY OR NUMEROUS
S35	39365	S NETWORK? OR ARRAY? OR CLUSTER? OR ETHERNET? OR INTRANET? OR EXTRANET?
S36	4946	S LAN OR LANS OR WAN OR WANS OR VPN? ? OR (SAN OR SANS) (3N) (NETWORK?)
S37	107153	S IC=G06F?
S38	73720	S MC=T01?
S39	3910	S S11 AND S1:S3(5N) S12:S17 AND S12:S17(5N) S4:S10 AND S18:S19(5N) S4:S10
S40	2717	S S39 AND S12:S17(7N) S18:S19
S41	1485	S S39 AND S20:S27(5N) S1:S3 AND S1:S3(7N) S4:S10
S42	1095	S S39 AND S34:S36(5N) S4:S10
S43	578	S S41 AND S42
S44	400	S S43 AND S28:S33(5N) S1:S3
S45	341	S 43 AND S28:S33(5N) S4:S10
S46	3	S S44 AND S45
S47	738	S S44:S45
S48	652	S S47 AND S37:S38
S49	417	S S48 AND S12:S17(3N) S4:S10
S50	345	S S48 AND S18:S19(3N) S4:S10
S51	292	S S49 AND S50
S52	385	S S48 AND S1:S3(3N) (S12:S17 AND S18:S19)
S53	384	S S49:S50 AND S52
S54	286	S S51 AND S52:S53
S55	292	S S51 OR S54

S56	188	S S55 AND AC=US/PR
S57	100	S S56 AND AY=(1970:1999)/PR
S58	82	S S56 NOT AY=(2000:2006)/PR
S59	104	S S55 NOT S56
S60	34	S S59 AND AY=1970:1999
S61	60	S S59 NOT AY=2000:2006
S62	167	S S57:S58 OR S60:S61
S63	167	IDPAT (sorted in duplicate/non-duplicate order)

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[File 347] **JAPIO** Dec 1976-2006/Jan(Updated 061009)

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[File 350] **Derwent WPIX** 1963-2006/UD=200665

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Set	Items	Description
S1	307701	S FILE? OR DATA() (RECORD? ? OR FOLDER?) OR DIRECTORYFILE? OR TEXTFILE?
S2	997	S DATAFILE? OR DATAFILE? OR FILEFOLDER? OR DATAFOLDER? OR CLIENTFILE?
S3	212185	S COMPUTERFILE? OR DIRECTORYFILE? OR DATAGRAM? OR DATAGRAM? OR PACKET?
S4	874911	S SERVER? OR DATABASE? OR FILESERVER?
S5	40324	S STORAGE() (DEVICE? OR APPARATUS?) OR (PHYSICAL? OR HOST) (2N)DEVICE? (3N) (STORAG? OR STORE? OR STORING?)
S6	10097	S STORAGE() (SERVER? OR FILE?) OR FILE() SERVER?
S7	501239	S (DATA OR FILE) () (STRUCTUR? OR BASE? OR FILE? OR BANK? OR REGIST? OR REPOSIT? OR ARCHIV?)
S8	13172	S DATABANK? OR DATASERVER?
S9	5270	S DATA() (SERVER?) OR DATASTOR? OR DATAFILE? OR DATA()FIELD?
S10	61021	S DATAFILE? OR DATAFILE? OR DATASET? OR DATAFOLDER? OR DIRECTORYFILE?
S11	203113	S S1:S3 AND S4:S10
S12	16529	S ASSIGNAT? OR NAME? OR EXTENSION? OR DESIGNATION? OR LABEL? OR METADATA? OR META()DATA?
S13	5269	S TITLE? OR IDENTIT? OR BRAND? OR APPELLATION? OR SUFFIX? OR PREFIX?
S14	10449	S REGISTER? OR REGISTRAT? OR IDENTIFIC? OR HEADER?
S15	3789	S IDENTIFIER? OR POINTER? OR INDICATER? OR INDICATOR? OR MARKER? OR ID
S16	2102	S FLAG? OR TAB? ? OR TABB? OR TAG? ? OR TAGG? OR ARROW?
S17	15071	S CLASSIF? OR CATEGOR? OR LABEL? OR HANDLE?
S18	19762	S LOCATION? OR LOCALE? OR LOCALIT? OR VICINIT? OR ADDRESS? OR SECTOR?
S19	21145	S ZONE? OR AREA? OR (SPECIFIC? OR PARTICULAR?) () (NODE? OR HUB? ?)
S20	11932	S SEND? OR TRANSMIT? OR DELIVER? OR DISPATCH?
S21	19840	S TRANSFER? OR RELOCAT? OR MIGRAT? OR TRANSLOCAT?
S22	12385	S MIGRAT? OR SENT OR MOVE? OR MOVING? OR ROUTING?
S23	27289	S SHIP???? OR MAIL???? OR ROUTE? OR MAP? ? OR MAPP???? OR REROUT? OR CONNECT?
S24	7113	S REDIRECT? OR TRANSMIGRAT? OR DISPATCH? OR UPLOAD? OR DOWNLOAD? OR FORWARD?
S25	24237	S IMPORT? OR EXPORT? OR TRANSPORT?
S26	8998	S RECEIV? OR FILE() (SHAR? OR SWAP?) OR FILESHAR? OR FILESWAP?
S27	6633	S TARGET? OR RECEIPT? OR RECIPIENT? OR DESTINATION? OR ENDPOINT?
S28	45742	S ACCESS? OR REFERENC? OR MAP OR MAPS OR MAPPED OR MAPPING
S29	38143	S LOOKUP? OR RETRIEV? OR FETCH? OR FIND? OR LOCAT?
S30	8287	S LOOK? ()UP OR NAVIGAT? OR TRACK? ()DOWN OR REQUEST?
S31	17191	S INQUIR? OR INTERROGAT? OR CRAWL? OR DATACRAWL? OR SEARCH?
S32	8616	S QUERIE? OR DATA() (MINE? OR MINING?) OR DATAMIN? OR QUERY?
S33	134	S (CALL? OR BRING?) ()UP
S34	40784	S PLURAL? OR MULTIPLE? OR MULTIPLICIT? OR SEVERAL? OR MANY OR NUMEROUS
S35	52624	S NETWORK? OR ARRAY? OR CLUSTER? OR ETHERNET? OR INTRANET? OR EXTRANET?
S36	5635	S LAN OR LANS OR WAN OR WANS OR VPN? ? OR (SAN OR SANS) (3N) (NETWORK?)
S37	656	S S11 AND S1:S3 (5N) S12:S17 AND S12:S17 (5N) S4:S10 AND S18:S19 (5N) S4:S10
S38	136	S S37 AND S20:S27 (5N) S1:S3
S39	131	S S37 AND S34:S36 (5N) S4:S10
S40	56	S S38 AND S39
S41	34	S S40 AND PY=1970:1999
S42	34	S S40 NOT PY=2000:2006
S43	264	S S37 AND S28:S33 (5N) S1:S3 AND S1:S3 (7N) S4:S10
S44	95	S S38:S39 AND S43
S45	211	S S38:S39 OR S44
S46	210	S S45 NOT 40
S47	137	S S46 AND PY=1970:1999
S48	138	S S46 NOT PY=2000:2006
S49	138	S S41:S42 OR S47:S48
S50	112	RD (unique items)

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Set	Items	Description
S1	987579	S FILE? OR DATA() (RECORD? ? OR FOLDER?) OR DIRECTORYFILE? OR TEXTFILE?
S2	563	S DATAFILE? OR DATARECORD? OR FILEFOLDER? OR DATAFOLDER? OR CLIENTFILE?
S3	85560	S COMPUTERFILE? OR DIRECTORYFILE? OR DATAGRAM? OR DATAGRAM? OR PACKET?
S4	174228	S SERVER? OR DATABASE? OR FILESERVER?
S5	72769	S STORAGE() (DEVICE? OR APPARATUS?) OR (PHYSICAL? OR HOST) (2N) DEVICE? (3N) (STORAG? OR STORE? OR STORING?)
S6	6233	S STORAGE() (SERVER? OR FILE?) OR FILE() SERVER?
S7	195037	S (DATA OR FILE) () (STRUCTUR? OR BASE? OR FILE? OR BANK? OR REGIST? OR REPOSIT? OR ARCHIV?)
S8	2007	S DATABANK? OR DATASERVER?
S9	19595	S DATA() (SERVER?) OR DATASTOR? OR DATARECORD? OR DATA() FIELD?
S10	4405	S DATAREPOSIT? OR DATARECORD? OR DATASET? OR DATAFOLDER? OR DIRECTORYFILE?
S11	119626	S S1:S3(20N)S4:S10
S12	86020	S ASSIGNAT? OR NAME? OR EXTENSION? OR DESIGNATION? OR LABEL? OR METADATA? OR META() DATA?
S13	58617	S TITLE? OR IDENTIT? OR BRAND? OR APPELLATION? OR SUFFIX? OR PREFIX?
S14	79756	S REGISTER? OR REGISTRAT? OR IDENTIFIC? OR HEADER?
S15	74621	S IDENTIFIER? OR POINTER? OR INDICATER? OR INDICATOR? OR MARKER? OR ID
S16	51785	S FLAG? OR TAB? ? OR TABB? OR TAG? ? OR TAGG? OR ARROW?
S17	78180	S CLASSIF? OR CATEGOR? OR LABEL? OR HANDLE?
S18	95410	S LOCATION? OR LOCALE? OR LOCALIT? OR VICINIT? OR ADDRESS? OR SECTOR?
S19	81598	S ZONE? OR AREA? OR (SPECIFIC? OR PARTICULAR?) () (NODE? OR HUB? ?)
S20	92633	S SEND? OR TRANSMIT? OR DELIVER? OR DISPATCH?
S21	70980	S TRANSFER? OR RELOCAT? OR MIGRAT? OR TRANSLOCAT?
S22	90408	S MIGRAT? OR SENT OR MOVE? OR MOVING? OR ROUTING?
S23	105465	S SHIP???? OR MAIL???? OR ROUTE? OR MAP? ? OR MAPP???? OR REROUT? OR CONNECT?
S24	69899	S REDIRECT? OR TRANSMIGRAT? OR DISPATCH? OR UPLOAD? OR DOWNLOAD? OR FORWARD?
S25	73223	S IMPORT? OR EXPORT? OR TRANSPORT?
S26	94685	S RECEIV? OR FILE() (SHAR? OR SWAP?) OR FILESHAR? OR FILESWAP?
S27	72384	S TARGET? OR RECEPT? OR RECIPIENT? OR DESTINATION? OR ENDPOINT?
S28	112498	S ACCESS? OR REFERENC? OR MAP OR MAPS OR MAPPED OR MAPPING
S29	100586	S LOOKUP? OR RETRIEV? OR FETCH? OR FIND? OR LOCAT?
S30	96702	S LOOK?() UP OR NAVIGAT? OR TRACK?() DOWN OR REQUEST?
S31	103201	S INQUIR? OR INTERROGAT? OR CRAWL? OR DATACRAWL? OR SEARCH?
S32	25665	S QUERIE? OR DATA() (MINE? OR MINING?) OR DATAMIN? OR QUERY?
S33	4197	S (CALL? OR BRING?) () UP
S34	111629	S PLURAL? OR MULTIPLE? OR MULTIPLICIT? OR SEVERAL? OR MANY OR NUMEROUS
S35	88942	S NETWORK? OR ARRAY? OR CLUSTER? OR ETHERNET? OR INTRANET? OR EXTRANET?
S36	26276	S LAN OR LANS OR WAN OR WANS OR VPN? ? OR (SAN OR SANS) (3N) (NETWORK?)
S37	46196	S IC=G06F?
S38	11714	S S11 AND S12:S17(3N)S4:S10 AND S18:S19(3N)S4:S10 AND S28:S33(5N)S1:S3 AND S20:S27(5N)S1:S3
S39	10059	S S38 AND S34:S36(5N)S4:S10
S40	7996	S S39 AND S1:S3(3N)S12:S17
S41	7094	S S40 AND S12:S17(10N)S18:S19
S42	4293	S S41 AND S37
S43	7094	S S41:S42
S44	7008	S S43 AND S1:S3(7N)S4:S10 AND S1:S10(7N) (S20:S27 AND S28:S33)
S45	6024	S S44 AND S1:S3(5N) (SYSTEM? OR METHOD? OR TECHNIQUE? OR PROCESS? ? OR MODE? ?)
S46	3029	S S44 AND (S12:S17(3N)S4:S6 AND S18(3N)S4:S6)
S47	2564	S S45 AND S46
S48	1508	S S47 AND S37
S49	1492	S S48 AND S12:S17(10N)S18
S50	1423	S S49 AND S28:S33(3N)S1:S3 AND S12:S17(3N)S1:S3 AND S1:S3(7N)S4:S10
S51	621	S S50 AND S20:S27(3N)S1:S3(7N)S12:S14(3N)S4:S6
S52	394	S S50 AND S1:S3(3N)S12:S14(7N)S18(3N)S4:S6
S53	284	S S51 AND S52

S54	584	S S51:S52 AND S28:S33 (5N) S1:S3 (5N) S18
S55	248	S S53 AND S54
S56	284	S S53 OR S55
S57	226	S S56 AND AC=US/PR
S58	115	S S57 AND AY=(1970:1999)/PR
S59	108	S S57 NOT AY=(2000:2006)/PR
S60	58	S S56 NOT S57
S61	20	S S60 AND AY=1970:1999
S62	11	S S60 NOT AY=2000:2006
S63	135	S S58:S59 OR S61:S62
S64	135	IDPAT (sorted in duplicate/non-duplicate order)

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[File 348] **EUROPEAN PATENTS** 1978-2006/ 200640

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Set	Items	Description
S1	176	S AU=(BAKKE M? OR BAKKE, M? OR VARNIS H? OR VARNIS, H?)
S2	0	S MARK(2N)BAKKE OR HAROLD(2N)VARNIS
S3	8454	S STORAG?()TECHNOL?
S4	10607	S FILE?() (NAME? OR IDENTIFIER? OR SERVER? OR LOCATION? OR STORAG? OR DATABASE?)
S5	1327	S (NAME? OR LOCATION?) () (SERVER? OR DATABASE?)
S6	0	S S1:S2 AND S3:S5

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Set	Items	Description
S1	16	S AU=(BAKKE M? OR BAKKE, M? OR VARNIS H? OR VARNIS, H?)
S2	99	S MARK(2N)BAKKE OR HAROLD(2N)VARNIS
S3	85198	S STORAG?()TECHNOL?
S4	167635	S FILE?()(NAME? OR IDENTIFIER? OR SERVER? OR LOCATION? OR STORAG? OR DATABASE?)
S5	14933	S (NAME? OR LOCATION?)(SERVER? OR DATABASE?)
S6	6	S S1:S2 AND S3:S5
S7	4	RD (unique items)

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